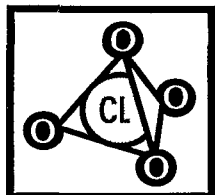


INTERAGENCY PERCHLORATE STEERING COMMITTEE

August 18, 1998



Dear Stakeholder,

Thank you for registering to attend the Perchlorate Stakeholders Forum in Salt Lake City, Utah on Tuesday, August 25, 1998. The forum will be held at the Utah Department of Environmental Quality Building 2 (Room 101), which is located at 168 North 1950 West, in Salt Lake City. Enclosed is a draft agenda, logistics information, and discussion papers on topics which will be covered in forum sessions. If you know of local stakeholders in the Salt Lake City and/or Magna area who will not be able to attend the forum during the day, please encourage them to attend the evening public session from 7:00 p.m. to 9:00 p.m. at the Magna Senior Citizen's Center, in Magna.

The purpose of the perchlorate stakeholders forum is to disseminate information on the key scientific issues, hear stakeholder concerns, and identify additional issues related to potential perchlorate contamination in the environment. At the start of the meeting, we will propose a set of ground rules to ensure that all participants can express questions and concerns during the course of the forum.

On the day of the forum, please make sure to stop at a registration table to pick up your nametag and packet of materials. Registration tables will open at 7:30 a.m. If possible, please bring a travel mug with you for beverages so that we can reduce the amount of solid waste produced at the forum. If you have additional logistical questions about the perchlorate stakeholders forum, please contact the USEPA Safe Drinking Water Hotline at 1-800-426-4791.

Thank you for your interest and we look forward to your participation in the perchlorate stakeholders forum.

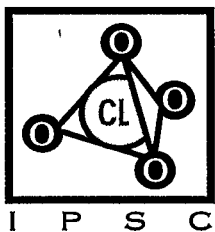
Sincerely,

The Interagency Perchlorate Steering Committee

Enclosures

MEMBERS AS OF AUGUST 1998

U.S. ENVIRONMENTAL PROTECTION AGENCY, DEPARTMENT OF DEFENSE, AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY,
NATIONAL INSTITUTE FOR ENVIRONMENTAL HEALTH SCIENCES, NATIONAL AERONAUTICS & SPACE ADMINISTRATION,
BUREAU OF INDIAN AFFAIRS, ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY, ARIZONA DEPARTMENT OF HEALTH SERVICES,
CALIFORNIA DEPARTMENT OF HEALTH SERVICES, NEVADA DIVISION OF ENVIRONMENTAL PROTECTION,
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION, UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY,
UTAH DEPARTMENT OF HEALTH LABORATORIES, COCOPAHI TRIBE, COLORADO RIVER INDIAN TRIBES,
FORT MOJAVE TRIBE, CHEMEHUEVI TRIBE, QUECHAN TRIBE



Perchlorate Stakeholders Forum

Sponsored by the
Interagency Perchlorate Steering Committee

August 25, 1998 Salt Lake City, Utah
Utah Department of Environmental Quality
168 North 1950 West, Building 2, Room 101

Draft Agenda (as of 8/18/98)

7:30 - 8:00 a.m. Check-in and walk-in registration

8:00 - 8:15 a.m. Administrative Announcements
Facilitator - Utah DEQ

8:15 - 8:45 a.m. Opening Remarks

Kevin Brown, Director, Division of Drinking Water, Utah Department of Environmental Quality, Salt Lake City, UT

Jack Rychecky, Manager, Drinking Water Program, United States Environmental Protection Agency, (USEPA) Region 8, Denver, CO

9:15 a.m. - 10:00 a.m. SESSION 1 - Background

Overview and History of the Perchlorate Problem

Time-line for Ongoing Activities on Perchlorate

Lt. Col. Dan Rogers, U.S. Air Force, Wright Patterson Air Force Base, OH

Perchlorate Occurrence

Kevin Mayer, Superfund Division, USEPA Region 9, San Francisco, CA

Rachael Cassidy, Division of Drinking Water, Utah Department of Environmental Quality, Salt Lake City, UT

10:00 a.m. - 10:15 a.m. BREAK

10:15 a.m. - 11:45 a.m. SESSION 2 - Perchlorate Health Effects/Toxicity

Status and Strategy of Ongoing Studies

Development of Revised Reference Dose/Risk Assessment

Annie Jarabek, National Center for Environmental Assessment, USEPA, Research Triangle Park, NC

David Mattie, U.S. Air Force Research Lab, Wright Patterson Air Force Base, OH

External Peer Review of Risk Assessment

Peter Grevatt, Office of Solid Waste and Emergency Response, USEPA, Washington, DC

Update - Office of Water Regulatory and Policy Activities

Mike Osinski, Office of Water, USEPA, Washington, DC

11:45 a.m. - 12:15 p.m. Facilitated Discussion

12:15 p.m. - 1:15 p.m. LUNCH

1:15 p.m. - 2:00 p.m. SESSION 3 -Analytical Methods

Chemistry of Perchlorate

Background on Analytical Techniques

Analysis of Perchlorate by Ion Chromatography (IC)

Interlaboratory Study on the Performance of IC Methods

Anion Interference Study

David Tsui, U.S. Air Force, Wright Patterson Air Force Base, OH

Stability Study

Effects of Methods Parameters

Sanwat Chaudhuri, Utah Department of Health Laboratories, Salt Lake City, UT

2:00 p.m. - 2:15 p.m. BREAK

2:15 p.m. - 3:00 p.m. SESSION 4 - Ecological Impacts/Transport and Transformation

Introduction/Background/Transport and Transformation

Historical Studies/Applicability

Proposed Activities - Data Gaps/Future Direction

Cornell Long, Human Systems Center, Brooks Air Force Base, TX

Ron Porter, Human Systems Center, Brooks Air Force Base, TX

3:00 p.m. - 3:30 p.m. Facilitated Discussion

3:30 p.m. - 3:45 p.m. BREAK

3:45 p.m. - 4:30 p.m. SESSION 5 - Treatment Technology

Background

Introduction to Past and Current Treatment Studies

Biological Treatment of Wastewater

Biological Treatment of Low Level Perchlorate Contamination

Perchlorate Treatment by Ion Exchange

Perchlorate Treatment by Enhanced Coagulation and Advanced Oxidation Membranes

Future Treatment Studies

Jim Hurley, U.S. Air Force Research Lab, Tyndall Air Force Base, FL

4:30 p.m. - 5:00 p.m. **Facilitated Discussion**

5:00 p.m. - 5:30 p.m. **Session 6 - Summary & Closing**

Wrap-up & Next Steps

7:00 p.m. - 9:00 p.m. **Public Availability Session, Magna Senior Citizen's Center, Magna, UT**

Overview and History of the Perchlorate Problem

Time-line for Ongoing Activities on Perchlorate

Lt. Col. Dan Rogers, U.S. Air Force, Wright Patterson Air Force Base, OH

Perchlorate Occurrence in Utah

Bill Wallner, Division of Solid and Hazardous Waste, Utah Department of Environmental Quality, Salt Lake City, UT

Activities related to perchlorate in Magna, Utah

Rachael Cassady, Division of Drinking Water, Utah Department of Environmental Quality, Salt Lake City, UT

Facilitated discussion